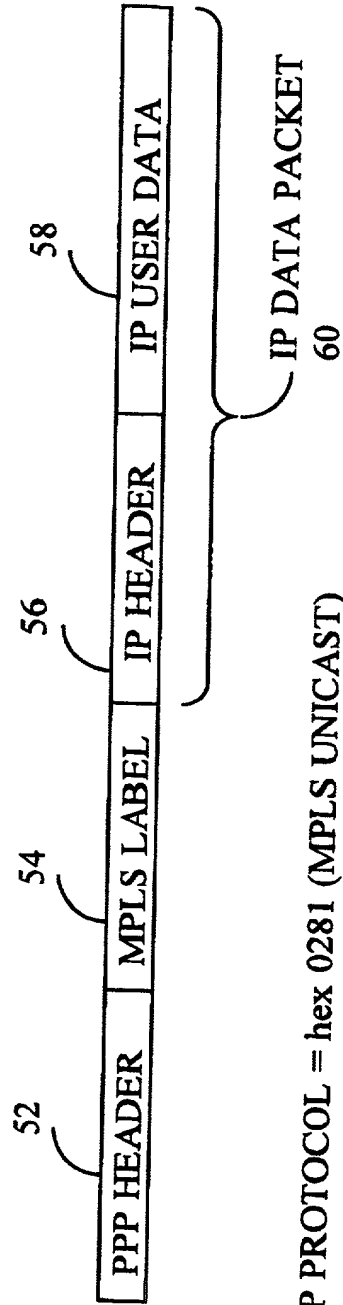


FIG. 1 PRIOR ART

50



PPP PROTOCOL = hex 0281 (MPLS UNICAST)
 PPP PROTOCOL = hex 0283 (MPLS MULTICAST)

FIG. 2 PRIOR ART

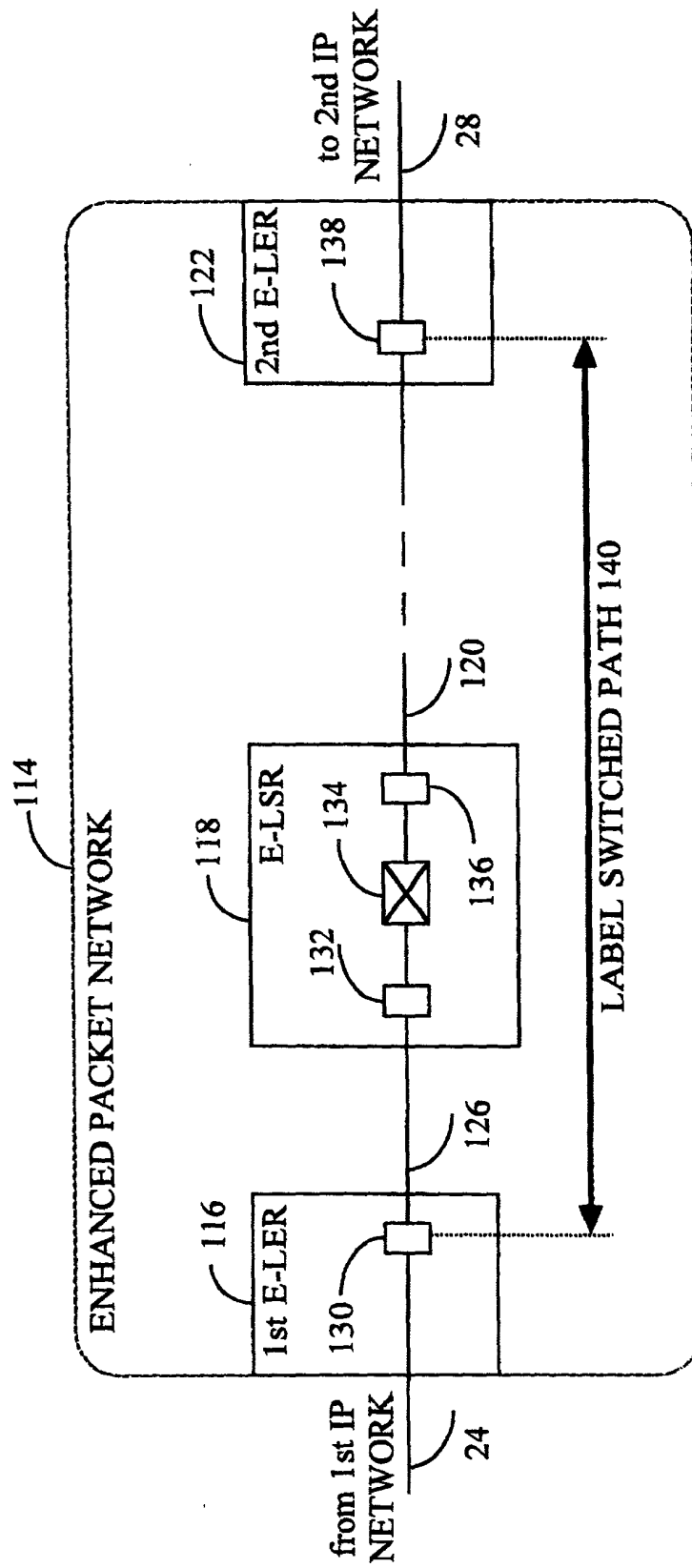


FIG. 3

FIG. 4 is a block diagram of a first enhanced label edge router (116) in a network (24). The router (116) includes an enhanced label multiplexer (130) that receives OAM frames (204), signalling frames (206), and IP data packets (200) from the network (24). The multiplexer (130) outputs PPP packets (202) to an edge label switch router (E-LSR). A label switched path (140) is also shown.

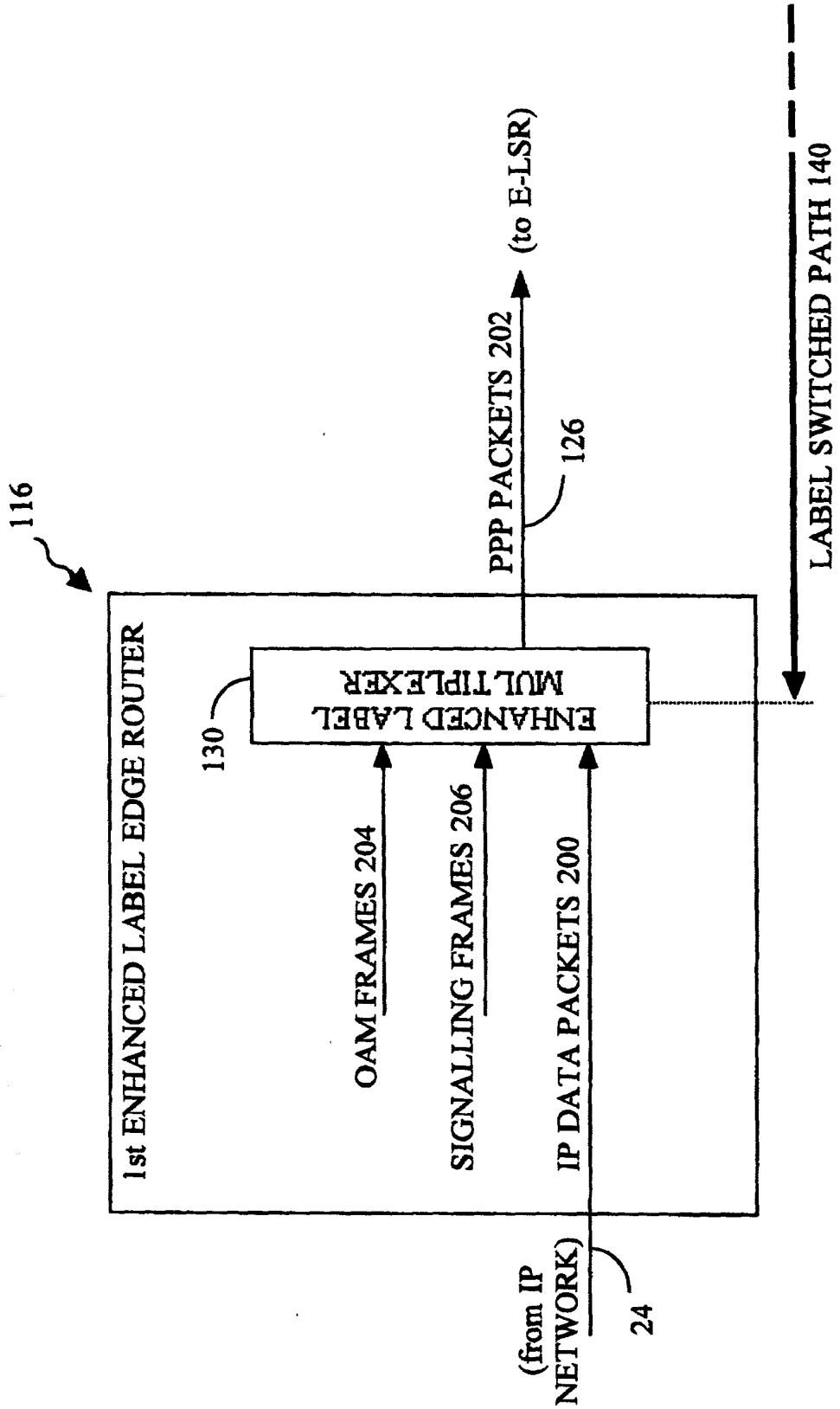


FIG. 4

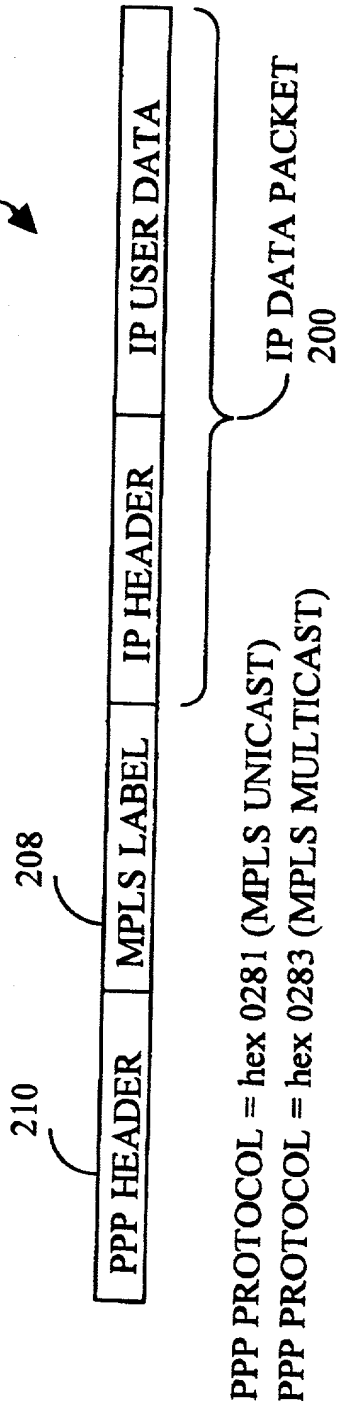


FIG. 5A

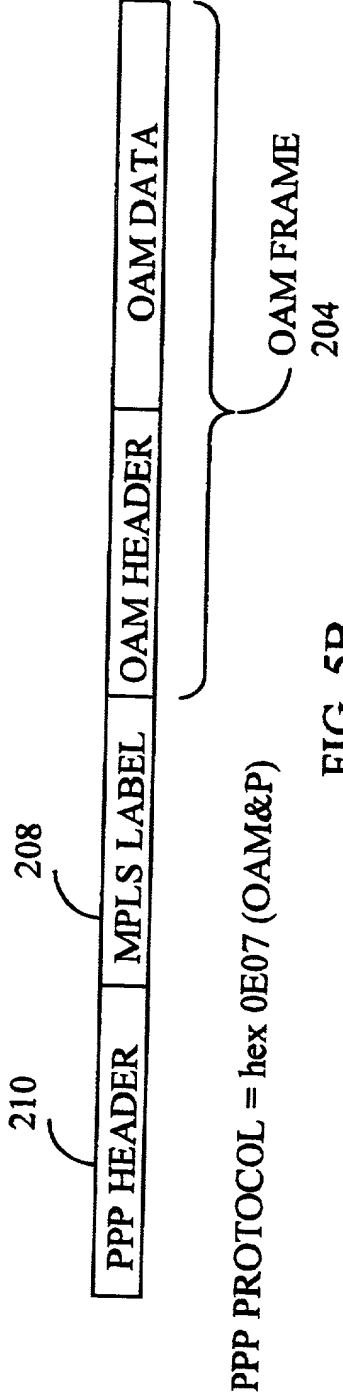


FIG. 5B

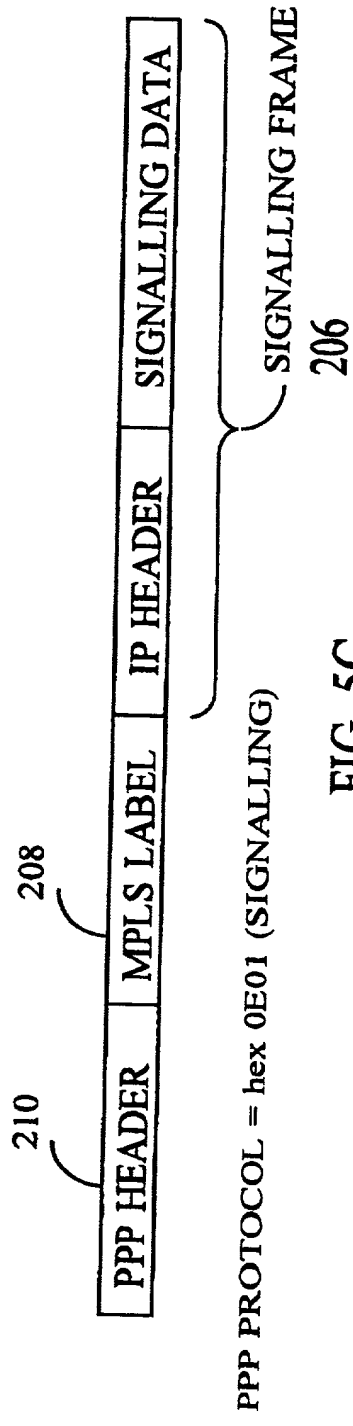
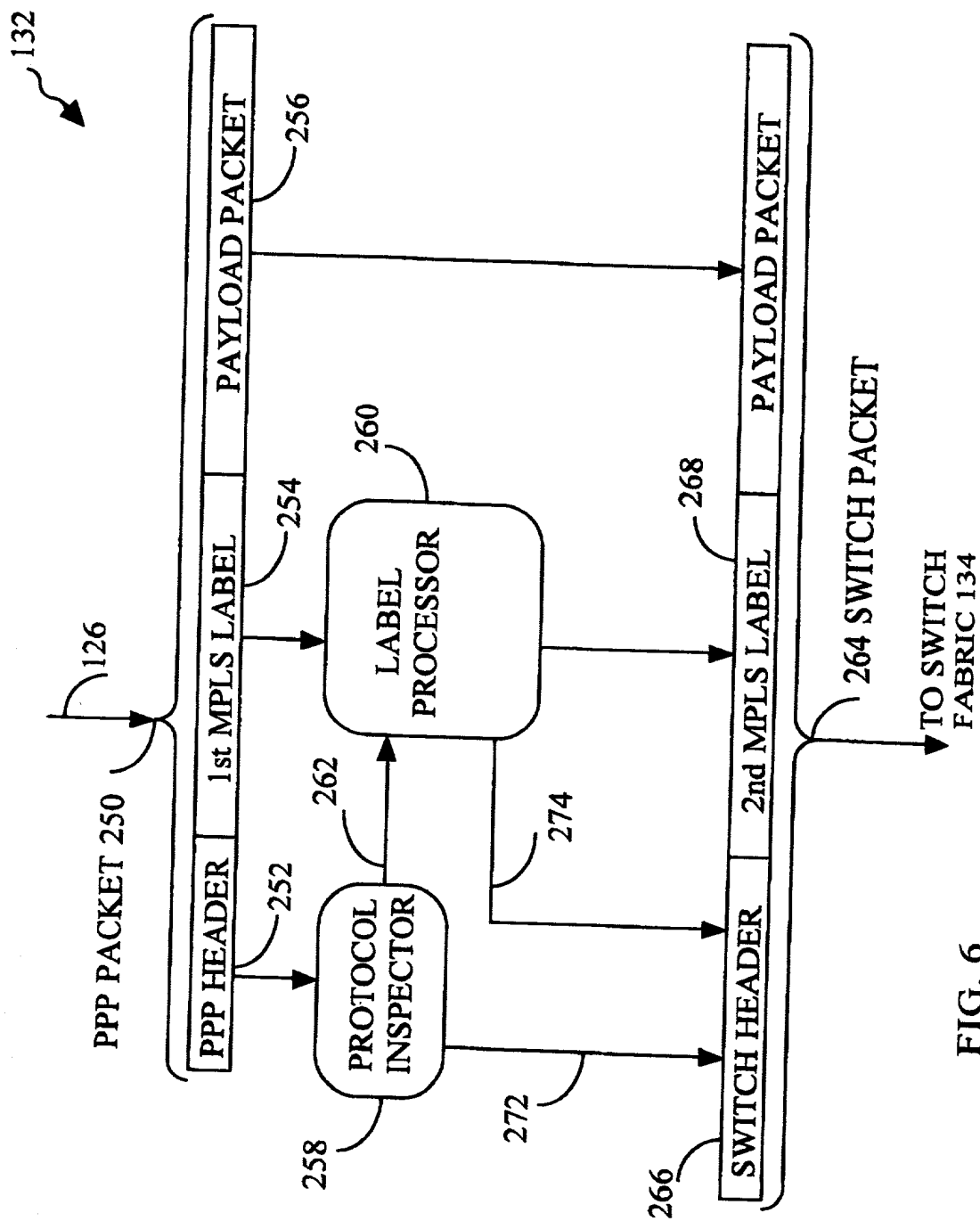


FIG. 5C

6/8





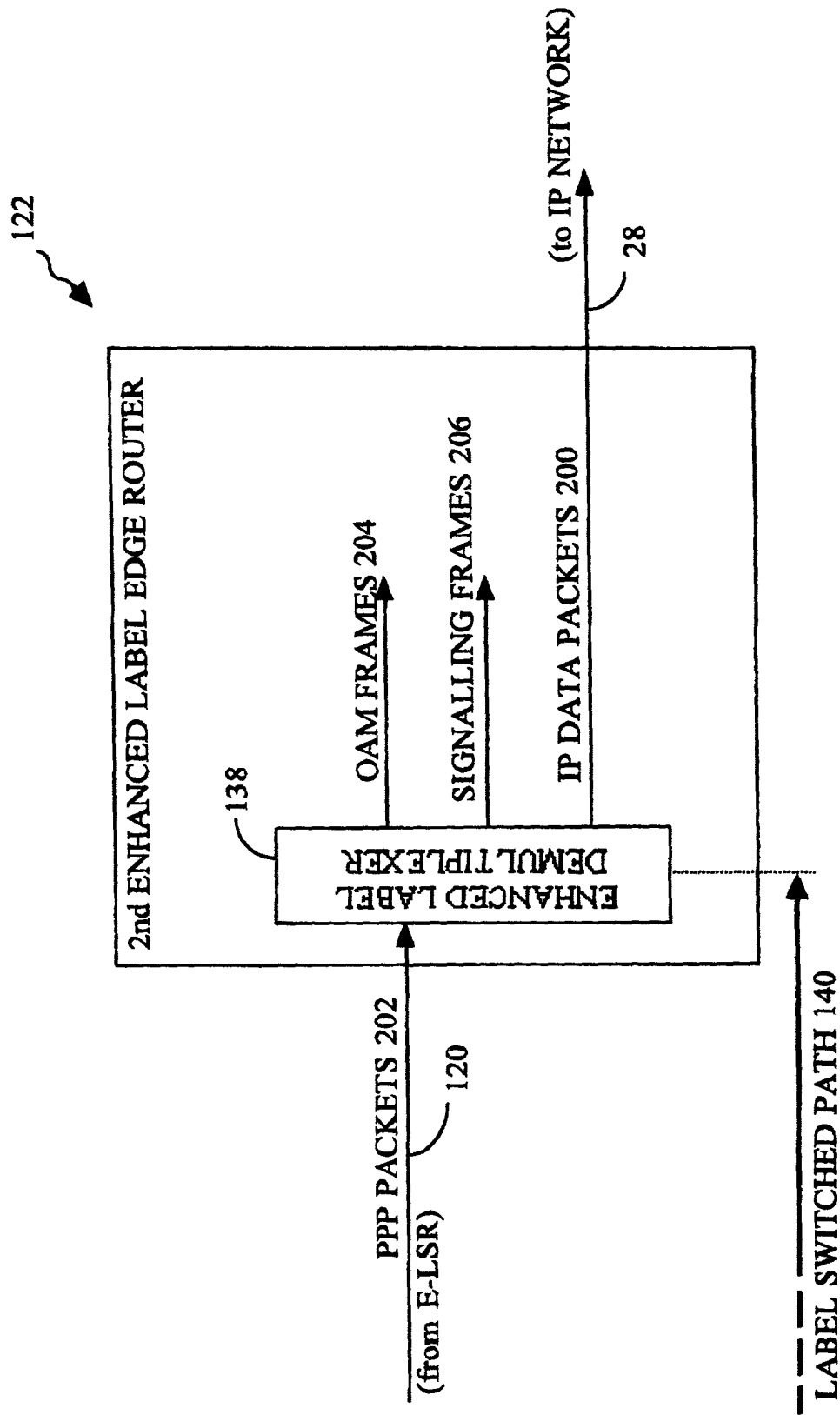


FIG. 8